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**From:** Fennessy, Christopher [christopher.fennessy@Rocket.com]  
**Sent:** 10/14/2019 7:59:16 PM  
**To:** MacNicholl, Peter@DTSC (Peter.MacNicholl@dtsc.ca.gov) (Peter.MacNicholl@dtsc.ca.gov)  
[Peter.MacNicholl@dtsc.ca.gov]; MacDonald, Alex@Waterboards (Alex.MacDonald@waterboards.ca.gov)  
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**CC:** Bill A. Goldsmith (BGoldsmith@HARGIS.COM) [BGoldsmith@HARGIS.COM]; Renlund, Kevin  
(Kevin.Renlund@arcadis.com) [Kevin.Renlund@arcadis.com]; Andrews, Michael (Michael.Andrews@arcadis.com)  
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[Lisa.Kellogg@arcadis.com]  
**Subject:** RE: Area 40 Status Update - Week of 10/7-10/11  
**Attachments:** B0040126.0000 SITE swppp-2.pdf

We modified the SWPPP BMP map slightly. In the southern area, the original SWPPP map required installation of a silt fence quite a way down the southern drainage from the excavation work. In order to properly install this silt fence, we would have had to bring a backhoe to the location and dig across the drainage. We decided (in consultation with our SWPPP expert) that the silt fence could be moved immediately south of the excavation area crossing the drainage. This kept the BMP within the extents of impact and significantly reduced the amount of area impacted by heavy equipment for the installation of this silt fence. Attached is the revised drawing.

Alex has been to the site and observed the SWPPP BMPs.

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**From:** Fennessy, Christopher  
**Sent:** Monday, October 14, 2019 11:07 AM  
**To:** 'MacNicholl, Peter@DTSC (Peter.MacNicholl@dtsc.ca.gov) (Peter.MacNicholl@dtsc.ca.gov)'  
<Peter.MacNicholl@dtsc.ca.gov>; 'MacDonald, Alex@Waterboards (Alex.MacDonald@waterboards.ca.gov)'  
<Alex.MacDonald@waterboards.ca.gov>; 'Keller, Lynn (Keller.Lynn@epa.gov)' <Keller.Lynn@epa.gov>; 'Lae, Tom/SAC  
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**Cc:** 'Bill A. Goldsmith (BGoldsmith@HARGIS.COM)' <BGoldsmith@HARGIS.COM>; 'Renlund, Kevin  
(Kevin.Renlund@arcadis.com)' <Kevin.Renlund@arcadis.com>; 'Andrews, Michael (Michael.Andrews@arcadis.com)'  
<Michael.Andrews@arcadis.com>; 'Rob Wilhelm (RWilhelm@Hargis.com)' <RWilhelm@Hargis.com>; 'Bush, Dan  
(Dan.Bush@arcadis.com)' <Dan.Bush@arcadis.com>; 'Kellogg, Lisa (Lisa.Kellogg@arcadis.com)'  
<Lisa.Kellogg@arcadis.com>  
**Subject:** Area 40 Status Update - Week of 10/7-10/11

Hi Everyone –Below is an update of our RDIP#1 implementation progress at Area 40:

Activities for the week of 10/7-10/11 included:

- Completed excavation of all northern area excavations (A40-OS3-S-RA1, 36B-S-RA1, 37B-S-RA1, and 37B-S-RA2)
- A40-OS3-S-RA1 – Bedrock was encountered at depths ranging from 7-10 feet bgs. Excavation was conducted to bedrock rather than 12 feet bgs. All soil hauled off-site.
- 36B-S-RA1 – Similar to 37B-S-RA2, the original gunite lining for the pond was uncovered during excavation activities. The pond was actually located about 10 feet north and 15 feet west of the anticipated location. The excavation was expanded to include the original pond area. Soil from 0-12' bgs was hauled off-site. Soil excavated from 12-18' bgs was stockpiled in the excavation. Samples were collected for re-profiling. Results match existing profile. Awaiting landfill acceptance.
- 37B-S-RA1 – Soil from entire excavation (0-6 feet bgs) was hauled off-site

- 37B-S-RA2 – Surveyors visited the site to re-survey the excavation area based upon the actual location of the gunite lined pond. Soil from 0-12' bgs was hauled off-site. Soil excavated from 12-18' bgs was stockpiled in the excavation. Samples were collected for re-profiling. Results match existing profile. Awaiting landfill acceptance.
- Sidewall (and floor for 37B-S-RA1) confirmation samples were collected from all four northern area remedial areas and analyzed for perchlorate using on-site ion specific probe. Soil samples did not contain perchlorate at concentrations above the screening levels.
- 40B-S-RA1 was excavated from 0-7 feet bgs. Bedrock was encountered at a depth of 7 feet bgs, so excavation was conducted to bedrock rather than 12 feet bgs. All soil was hauled off-site.
- 39B-S-RA4 was excavated from 0-12 feet bgs and soil was hauled off-site.
- 415 trucks transported approximately 8,400 tons of soil from Area 40 to Potrero Hills landfill the week of 10/7-10/11.

Activities for the week of October 14 include:

- Remaining soil excavated from 36B-S-RA1 and 37B-S-RA2 will be hauled to Potrero Hills landfill.
- Sidewall (and floor for 37B-S-RA1) confirmation samples for all northern area excavations will be collected and sent to the fixed laboratory (Eurofins - Test America) and analyzed for perchlorate using EPA Method 314.0.
- Soil from remedial areas 39B-S-RA2 and 39B-S-RA3 will be excavated and hauled to Potrero Hills
- Sidewall and floor confirmation samples will be collected from remedial areas 39B-S-RA2, 39B-S-RA3, 39B-S-RA4, and 40B-S-RA1 will be collected and sent to the fixed laboratory and analyzed for perchlorate using EPA Method 314.0
- Backfill logistics will begin
- Materials (geotextile, PVC liner, and sand) for 36B-S-RA1 and 37B-S-RA2 will be procured and scheduled for delivery to site
- Anticipate 500 trucks transporting approximately 10,500 tons of soil from Area 40 to Potrero Hills landfill will occur the week of 10/14

Look ahead:

- Week of October 21 – Complete all southern excavations and haul all excavated soil to Potrero Hills landfill. Receive fixed laboratory results for samples collected during week of 10/14. Survey northern source areas to document final limits of excavation. Continue backfill logistics planning and delivery of materials for 36B-S-RA1 and 37B-S-RA2 excavations.
- Week of October 28 – Begin hauling backfill material and backfilling northern excavation areas.
- Week of November 4 – Continue hauling backfill material and backfill southern excavation areas.

Thanks, Chris